

JC96 Rec'd PCT/PTO 09 MAY 2005

What is claimed is:

1. (original) An electric motor comprising a temperature monitoring device, whereby the device (1) includes at least two temperature sensors (10, 11) with different temperature characteristics, and the temperature sensors (10, 11) are connected to terminal clamps (K1, K2, K3) by means of electrical wires.
2. (original) The electric motor as recited in Claim 1, wherein the temperature sensors (10, 11) have a positive temperature coefficient and are designed as silicon sensors and/or three-fold bimetallic element switches and/or single-fold bimetallic element switches and/or as SMN resistors, whereby the temperature sensors (10, 11) have switching and/or non-switching characteristics.
3. (currently amended) The electric motor as recited in ~~one of the Claims 1 or 2~~ Claim 1, wherein the electric motor (2) includes a first terminal clamp (K1), a second terminal clamp (K2) and a third terminal clamp (K3), whereby a first temperature sensor (10) is connected between the first terminal clamp (K1) and the second terminal clamp (K2), and whereby a second temperature sensor (11) is connected between the second terminal clamp (K2) and the third terminal clamp (K3).